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Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 Express Mail Mailing Label No.: EL 978 887 971 US

Date of Deposit: November 14, 2003

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22313-1450

Barbara Villani

Attorney Docket No. 03692/LH

Pursuant to 37 CFR 1.53(b), transmitted herewith for filing is the patent application of

Inventor(s):

Kenichi FURUKAWA of Atsugi-shi, Japan Yuichi MAEKAWA of Atsugi-shi, Japan

"OPTICAL DISC DRIVE HAVING A FUNCTION FOR ESTIMATING DOUBLE Title: REFRACTION IN DISC"

Priority Claim (35 U.S.C. 119) is made, based upon:

filed November 18, 2002 No. 333155/2002 Japan filed November 19, 2002 No. 334638/2002 Japan No. 343208/2002 filed November 27, 2002 Japan filed November 27, 2002 No. 343267/2002 Japan filed November 28, 2002 No. 344856/2002 Japan filed November 28, 2002 Japan No. 344955/2002

ASSIGNMENT INFORMATION FOR PUBLICATION:

Mitsumi Electric Co. Ltd. 2-11-2, Tsurumaki, Tami-s Tami-shi, 2-11-2, Tsu Tokyo Japan

Enclosed herewith are:

[X]	Specification (Description, Claims, Abstract): Pages 1	- <u>56</u> ; Number of claims 1 - <u>38</u>
IX 1	Declaration and Power of Attorney [X] executed;	[] unexecuted (supplied for information

Declaration and Power of Attorney [X] executed; [X]

[X] Formal [] Informal Sheets of drawings, Figures 1 - 27 [X]

Assignment and "Patents" Recordation Form Cover Sheet (PTO-1595) AND \$40. RECORDATION FEE. [X]

Certified copies of priority documents identified above IXI

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[X] Receipt Postcard

	Number Filed	Number Extra	Rate	Calculations	
Total Claims	38 =	18	x \$18.00 =	\$_324.00	
Independent Claims MULTIPLE DEPEND	$\frac{11}{\text{ENT CLAIMS}} - 3 =$	8	x \$86.00 = + \$290.00 =	\$ <u>688.00</u> \$	
		BASIC	C FEE	\$ 770.00	
•		Total of above	Calculations	\$ 1,782.00	

To the extent not fendered by check, authorization is given to charge any fees under 37 CFR 1.16 and 1.17 during pendency of the application, or to credit any overpayment, to Deposit Account No, 06-1378. Duplicate copy of this letter is enclosed.

FRISHAUF, HOLFZ, COODMAN & CHICK, P.C.

LH:bv

12/00

LEONARD MOLTZ Reg. No. 22,974

PTO/SB/122 (10-00)
Approved for use through 10/31/2002. OMB 0651-0035
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CHANGE OF	Application Number	Not yet assigned		
CORRESPONDENCE ADDRESS Application	Filing Date	Herewith		
Application	First Named Inventor	FURUKAWA		
Address to: Commissioner for Patents	Group Art Unit			
P.O. Box 1450 Alexandria, VA. 22313-1450	Examiner Name			
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Typed or Printed Name	Leonard	Holtz, H	Reg	. No.	22,974	·	
Signature							
Date November 1	, 2003	Teleph	none:	(212) 3	19-4900	· · · · <u>-</u>	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.							
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